KODARO

Barber Colman GCM Driver

Product Overview

Features such as ease of use, through built-in discovery, and web enablement of legacy/proprietary systems makes this driver a perfect fit to bring your system into the 21st Century.

The Barber Colman GCM driver from Kodaro is the first available driver on the market for Niagara AX and Niagara 4 that allows users to integrate legacy Network 8000 systems.

Built on the Niagara AX Framework

Niagara AX is a software framework and development environment that solves the challenges associated with building internet-enabled products, device-to-enterprise applications and distributed internet-enabled automation systems. The Niagara product line, originally introduced in 1999, is deployed in more than 60,000 products operating in more than 6,000 sites worldwide. Niagara AX takes the concept of normalizing the data and behavior of diverse devices, regardless of manufacturer or communication protocol, to enable the implementation of seamless, internet-connected, web-based systems to the next level. This driver also comes with a compatible Niagara 4 option.

Using this driver, versus replacing all legacy systems and then installing a new set of hardware and software is a huge money saver.

Opening up Protocols

Protocols such as BACnet, Lonworks and Modbus allow customers to have a level of flexibility in choosing controllers from different manufacturers. But to be truly open you need to be able to select among devices supporting *any* protocol. Using the capabilities of Niagara AX and Niagara 4, along with Kodaro's toolsets and drivers, you will have the ability to truly select best-of-breed solutions. Many times, a customer needs to integrate a legacy control system into the Niagara AX framework. These legacy systems often do not support the newer protocols such as BACnet and LonWorks. This requires developers to write a driver to communicate with each system.

Ease of Use – Built-in Network Discovery

Communication speed varies based on several factors, including but not limited to GCM programming, baud rate, point count, trending, alarming and graphics. In general, typical performance polls one point every 3-5 seconds.

As with all state-of-the-art driver development on the Niagara AX/N4 Framework, Kodaro's drivers offer features such as built-in Network Discovery along with device and object discovery (once connected). This feature saves lots of engineering hours.

Sample Network System Architecture